

Converting Colors

XYZ(76.9227, 84.3009,
102.6917)

Have a look what the booklet for
XYZ(76.9227, 84.3009, 102.6917)
contains.

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Color

**XYZ(77.0295, 84.4117,
102.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F1FA
RGB	216, 241, 250
RGB Percent	85%, 95%, 98%
CMY	0.1529, 0.0549, 0.0196
CMYK	0.14, 0.04, 0.00, 0.02
HSL	196°, 77%, 91%
HSV	196°, 14%, 98%
XYZ	77.0295, 84.4117, 102.6757
YIQ	234.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

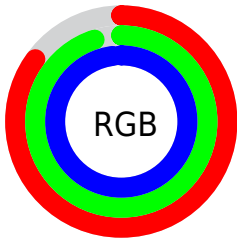
Format	Color
R _Y B	216, 230, 250
Decimal	14217722
CIE Lab	93.63, -6.37, -7.11
CIE LCh	94, 9.546, 228.137
Yxy	84.4117, 0.2916, 0.3196
Android (android.graphics.Color)	4292407802 (0xFFD8F1FA)
YUV	234.5510, 7.6164, -16.2692
Hunter-Lab	91.8758, -11.1268, -1.9464

Details

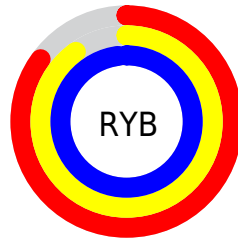
The XYZ color **77.0295, 84.4117, 102.6757** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7447, 79.1319, 76.0908**, and the grayscale version is **78.5801, 82.6724, 90.0302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7845, 46.1700, 57.7484** is the 20% darker color. If you saturate the color by 10%, you get **68.2760, 77.0469, 101.7169**, and if you desaturate by 10%, it is **86.9828, 92.5050, 103.7146**.

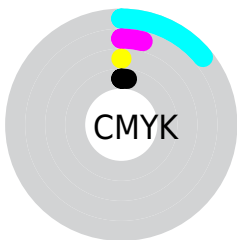
Distribution



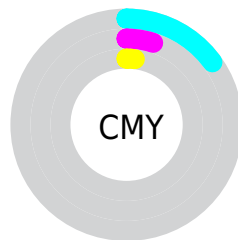
- Red (85%)
- Green (95%)
- Blue (98%)



- Red (85%)
- Yellow (90%)
- Blue (98%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0295, 84.4117, 102.6757 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.0295, 84.4117, 102.6757 by changing the saturation by 10% instead.

■ 77.0295, 84.4117,
102.6757

■ 77.0295, 84.4117,
102.6757

473.7550,
509.6794, 590.0574

■ 57.5771, 63.3554,
77.9077

128.1537,
139.5509, 166.9132

■ 41.7107, 46.1288,
57.4822

160.5563,
174.4027, 207.2198

■ 29.0649, 32.3475,
40.9805

198.0063,
214.6217, 253.5431

■ 19.2745, 21.6270,
27.9843

240.8690,
260.5923, 306.3014

■ 11.9740, 13.5831,
18.0749

289.5099,
312.6990, 365.9135

■ 6.7980, 7.8313,
10.8338

344.2943,

■ 3.3813, 3.9872,

371.3262, 432.7978

5.8424

405.5876,
436.8582, 507.3729

■ 1.3585, 1.6664,
2.6823

■ 0.2263, 0.4018,
0.9345

■ 77.0295, 84.4117,
102.6757

■ 77.0295, 84.4117,
102.6757

■ 68.2760, 77.0469,
101.7169

■ 86.9828, 92.5050,
103.7146

■ 60.6634, 70.3726,
100.8298

■ 94.0122, 99.1954,
104.6355

■ 54.1391, 64.3625,
100.0136

■ 94.2556, 99.6822,
104.7166

■ 48.6429, 58.9848,
99.2653

■ 44.1089, 54.2040,
98.5815

■ 40.4625, 49.9807,
97.9585

■ 37.6179, 46.2694,
97.3921

■ 35.4706, 43.0150,
96.8771

■ 34.3651, 41.1212,
96.5698

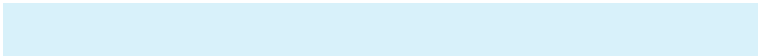
Harmonies

Analogous

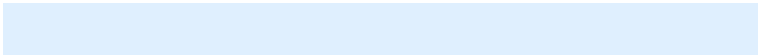
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6982, 84.4117, 96.3133



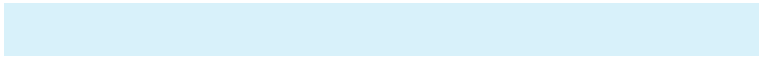
77.0295, 84.4117, 102.6757



79.2354, 84.4117, 106.2225

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0295, 84.4117, 102.6757



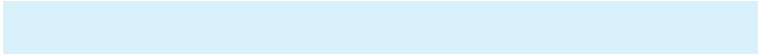
85.0839, 84.4117, 94.8024



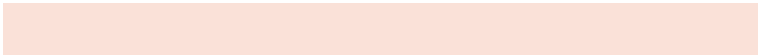
78.7267, 84.4117, 79.3016

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



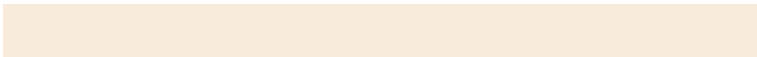
77.0295, 84.4117, 102.6757



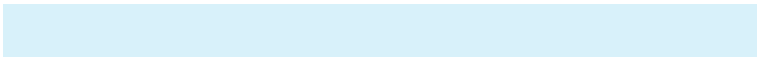
78.7447, 79.1319, 76.0908

Split Complementary

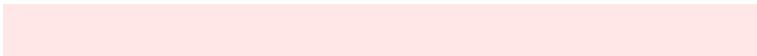
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2345, 84.4117, 78.9446



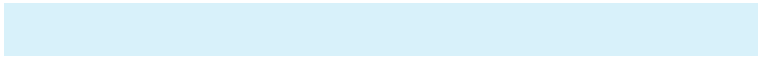
77.0295, 84.4117, 102.6757



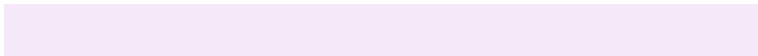
84.9408, 84.4117, 87.6429

Square

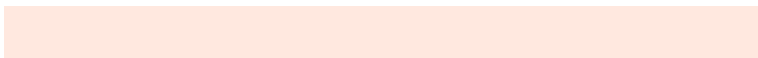
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0295, 84.4117, 102.6757



83.9067, 84.4117, 101.5197



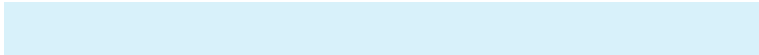
83.5196, 84.4117, 81.9244



76.6638, 84.4117, 82.9267

Rectangle

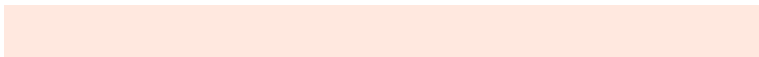
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0295, 84.4117, 102.6757



80.9210, 84.4117, 106.3957



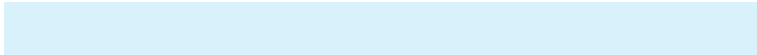
83.5196, 84.4117, 81.9244



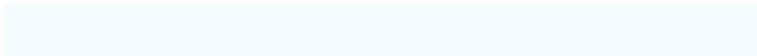
79.5445, 84.4117, 78.8027

Sweetspot

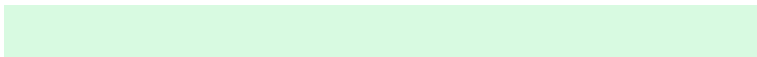
The Sweet Spot groups the original color and five complimentary colors.



77.0320, 84.4152, 102.6776



90.5415, 96.4066, 108.4440



76.0284, 88.3806, 83.9305



19.2031, 20.4933, 23.1934



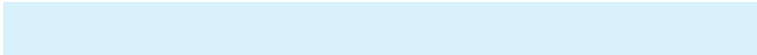
0.0000, 0.0000, 0.0000



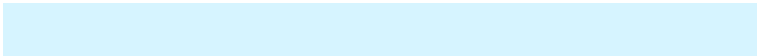
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0320, 84.4152, 102.6776



78.2521, 86.3706, 107.1546



72.3659, 75.0830, 101.1222



17.3545, 18.7858, 22.0966



18.3521, 22.0597, 51.2642



1.7863, 2.2163, 4.7768

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.8593, 75.7883, 93.6428



81.6974, 75.9985, 96.1139



83.4239, 88.4903, 77.6506



17.7855, 17.4415, 20.7260



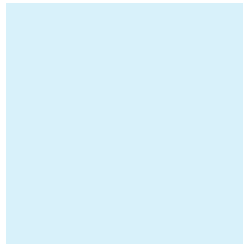
25.5553, 12.6378, 25.4304



2.4106, 1.1880, 2.5855

Previews

White Background



This preview shows how the XYZ color 77.0295, 84.4117, 102.6757 looks on a white background.

Color Contrast Check

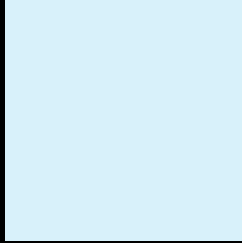
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.0295, 84.4117, 102.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

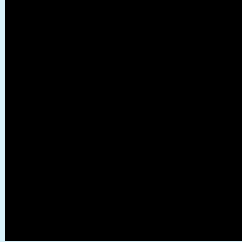
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0295, 84.4117, 102.6757

Background



This preview shows how black text looks on a background with the XYZ color 77.0295, 84.4117, 102.6757.

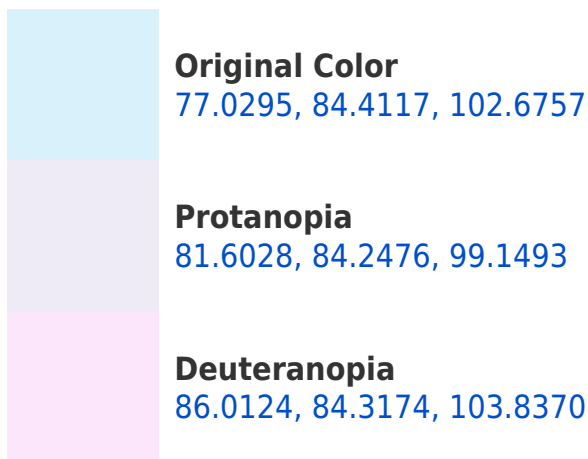


This preview shows how white text looks on a background with the XYZ color 77.0295, 84.4117,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

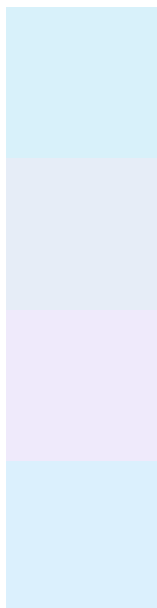




Tritanopia

78.7353, 84.3252, 106.7343

Trichromacy



Original Color

77.0295, 84.4117, 102.6757

Protanomaly

79.7058, 84.1068, 100.0290

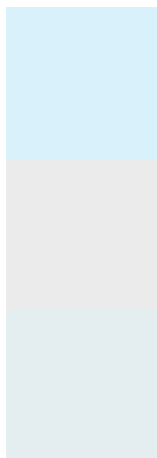
Deuteranomaly

82.4320, 84.1614, 103.1669

Tritanomaly

78.1031, 84.4721, 105.1168

Monochromacy



Original Color

77.0295, 84.4117, 102.6757

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0073, 83.3536, 94.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0295, 84.4117, 102.6757 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(216, 241, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 241, 250) }
```

Border

The CSS property to change the border of an element to XYZ 77.0295, 84.4117, 102.6757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 241, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 241, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(216, 241,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0295, 84.4117, 102.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 241, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
241, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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